

Figure 1. Block Diagram According to one Embodiment

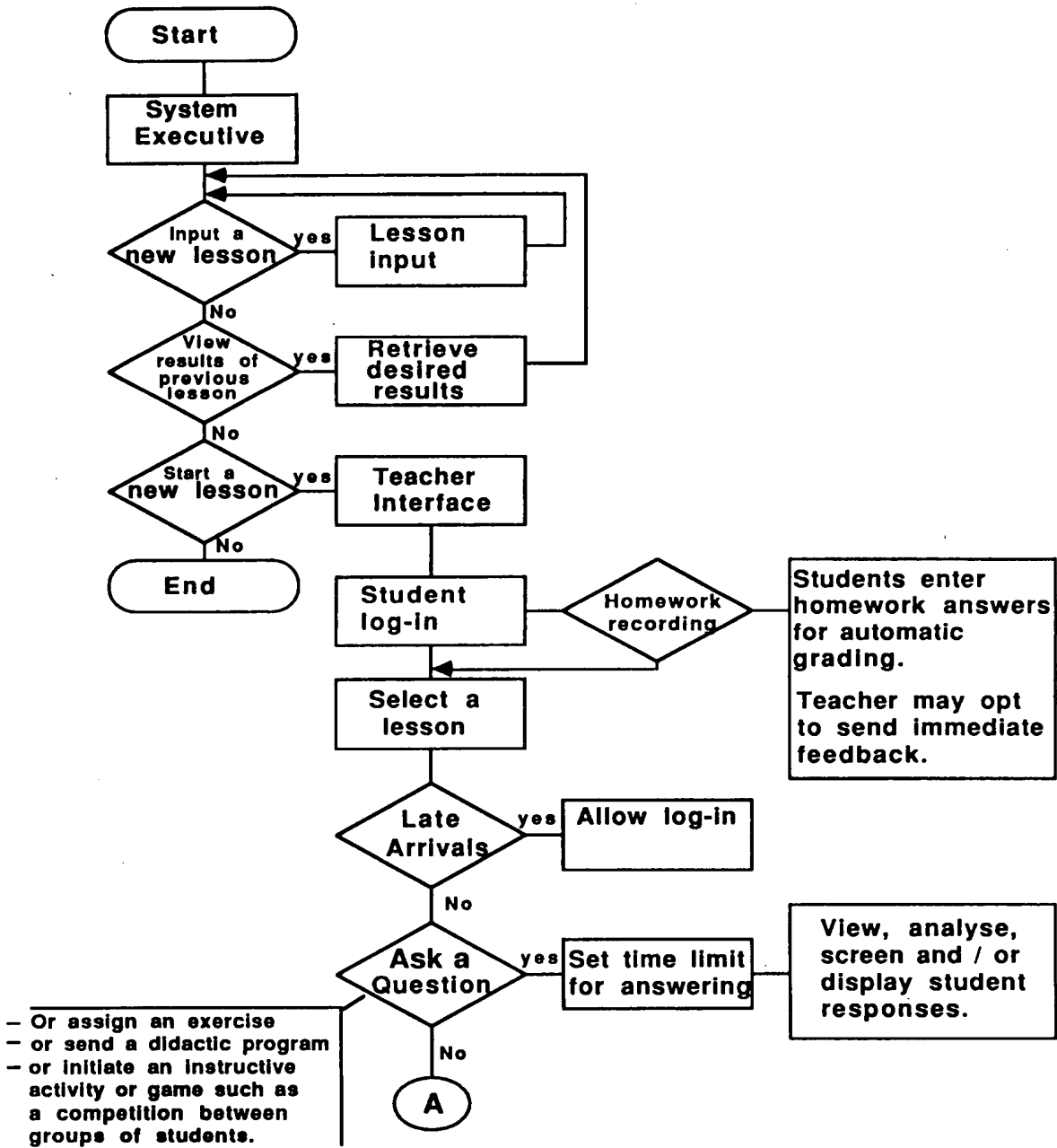
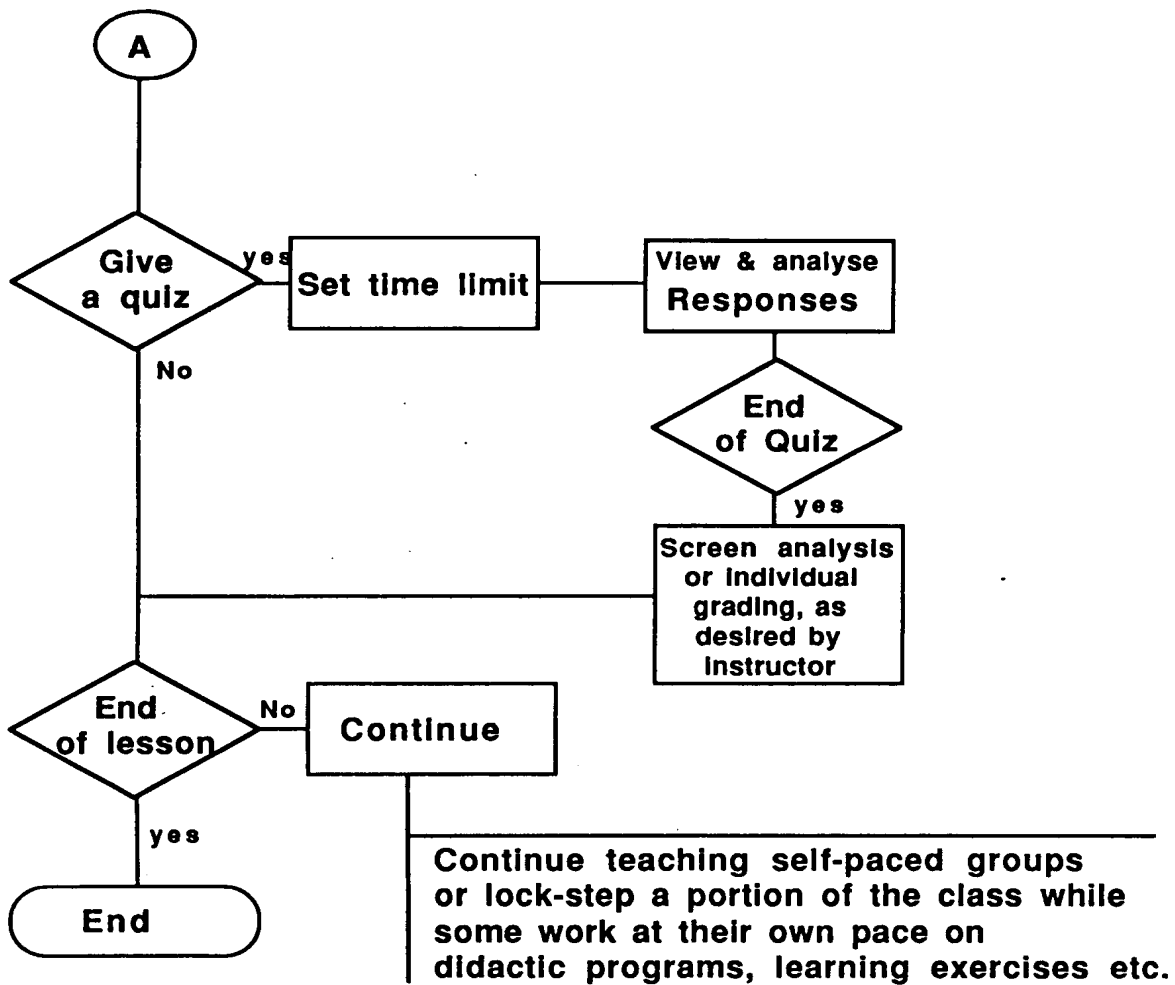


Figure 2A



**Figure 2A (cont'd)**

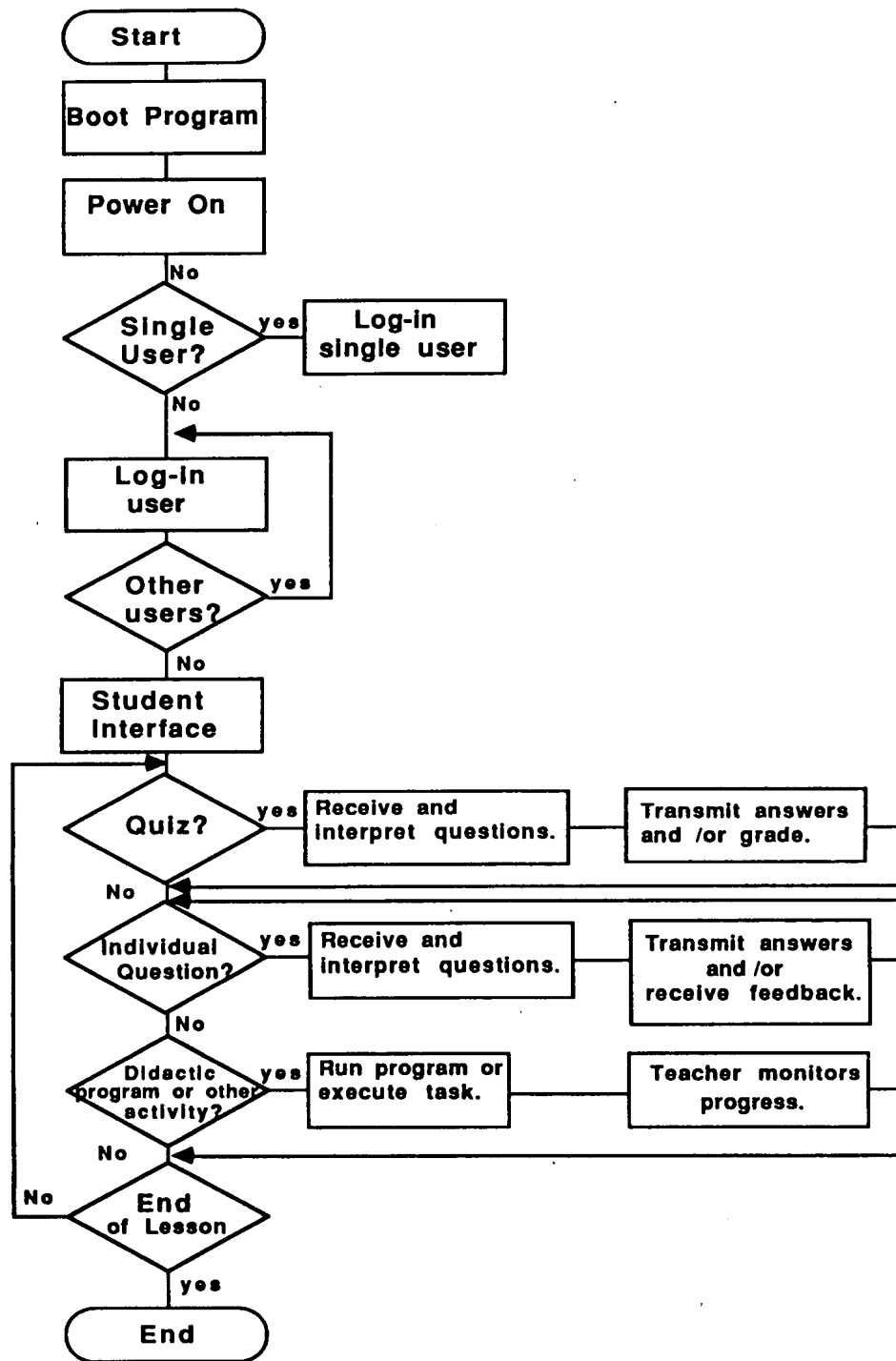
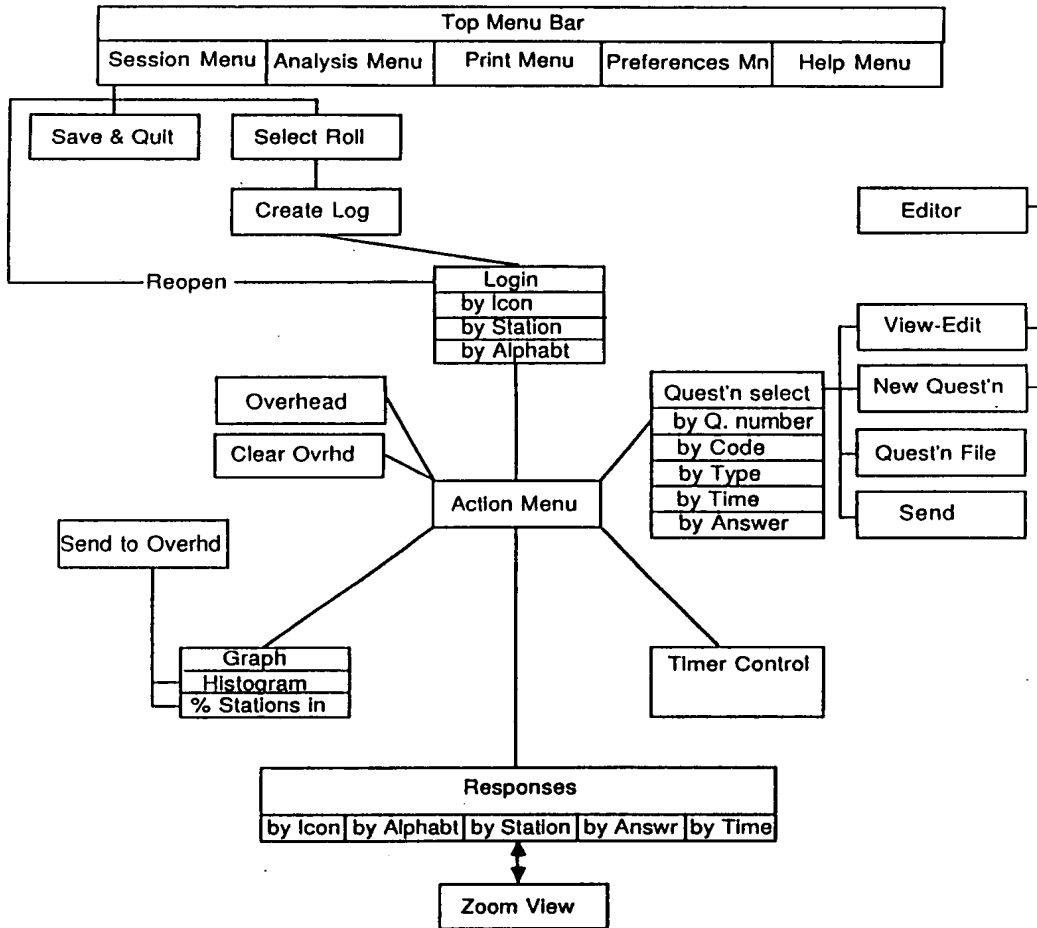


Figure 2B

## Flow Chart



**Figure 3A**

# Example of Session Flows

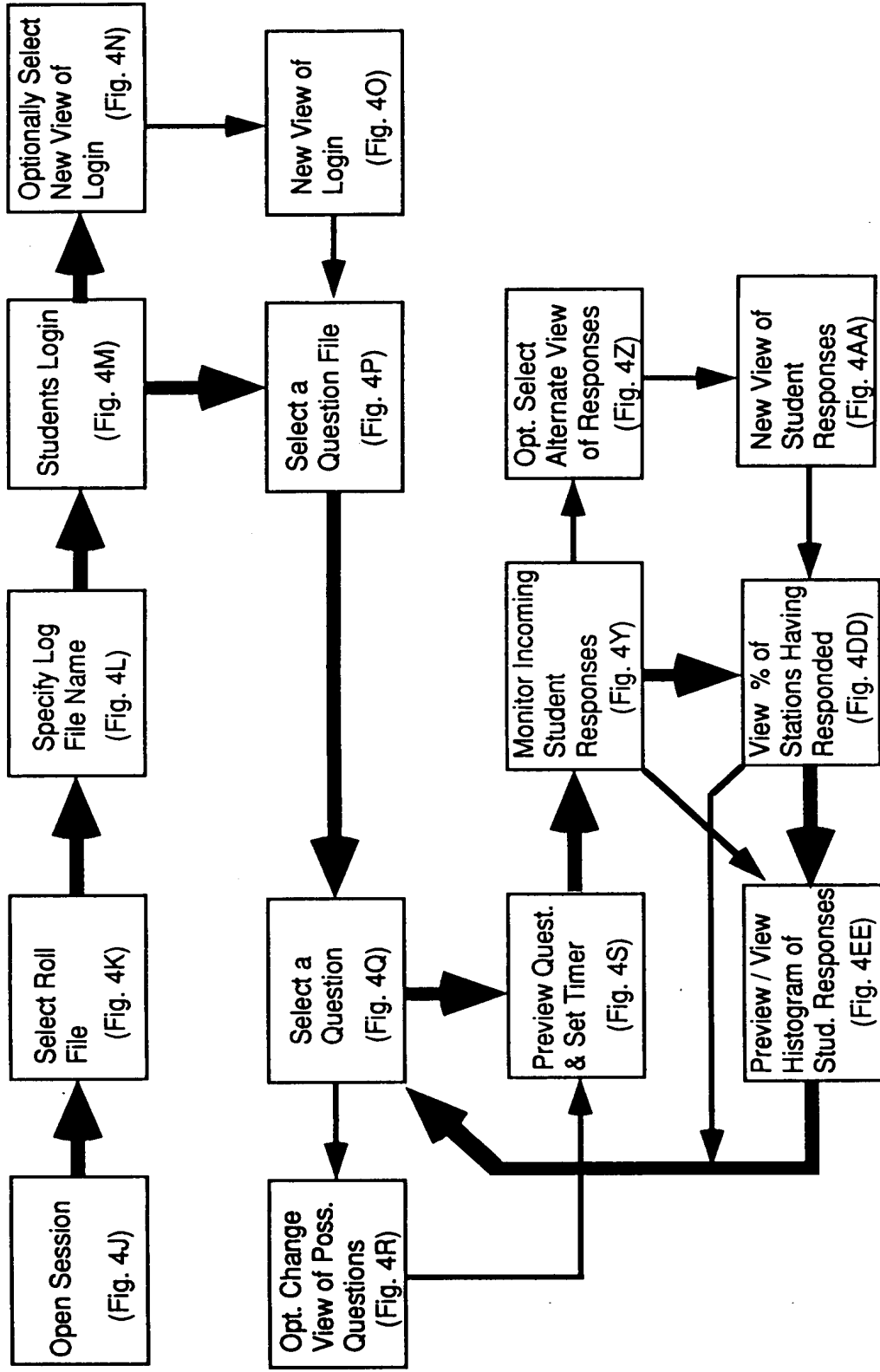


Fig. 3B

fig. 4A

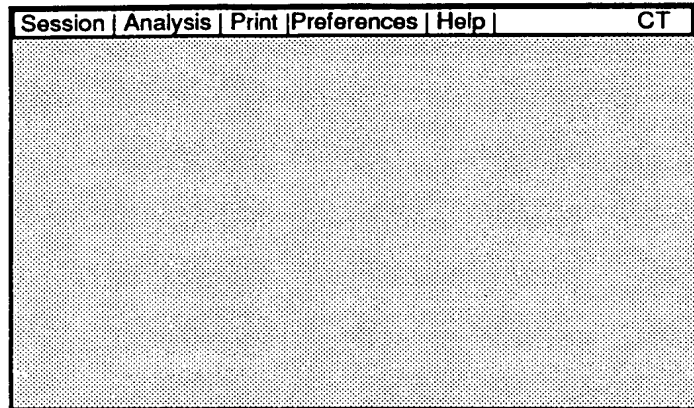


fig. 4B

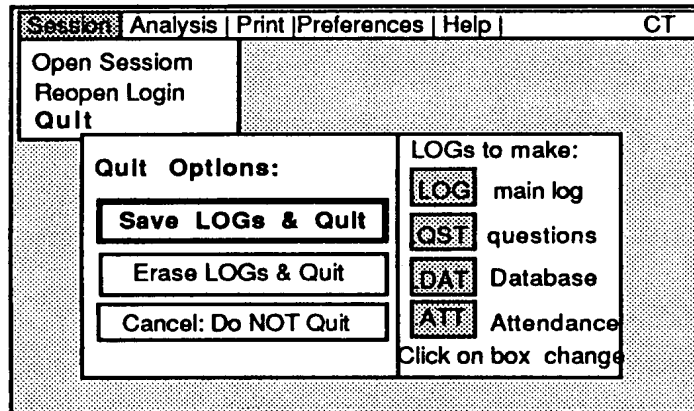


fig. 4C

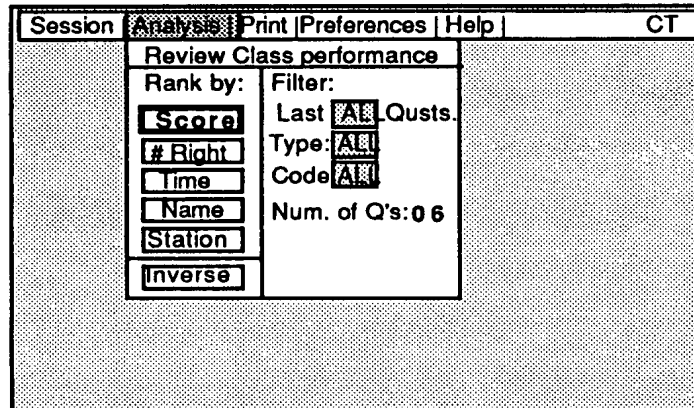


fig. 4D

Session	Analysis	Print	Preferences	Help	CT
Help Mode: <input type="checkbox"/> Extra Hlp <input checked="" type="checkbox"/> Norm <input type="checkbox"/> Off <input type="checkbox"/> Advise					
Click on the topic you need help with...					
<input type="button" value="Cancel"/>	<input type="button" value="Prefernd"/>	<input type="button" value="Vw/Edit"/>			
<input type="button" value="Edit"/>	<input type="button" value="% In"/>	<input type="button" value=""/>			
<input type="button" value="Files"/>	<input type="button" value="Questn"/>	<input type="button" value=""/>			
<input type="button" value="Help"/>	<input type="button" value="Respon"/>	<input type="button" value=""/>			
<input type="button" value="Histog."/>	<input type="button" value="Rolls"/>	<input type="button" value=""/>			
<input type="button" value="Login"/>	<input type="button" value="Timer"/>	<input type="button" value=""/>			
<input type="button" value="Overhd"/>	<input type="button" value="View"/>	<input type="button" value=""/>			

fig. 4E

Session	Analysis	Print	Preferences	Help	CT
<input type="button" value="Screen"/>					
<input type="button" value="Attendance"/>					
<input type="button" value="Responses"/>					
<input type="button" value="Histogram"/>					
<input type="button" value="Question"/>					
<input type="button" value="Session Summary"/>					

fig. 4F

Session	Analysis	Print	Preferences	Help	CT
<input type="button" value="Execution/Cycle:"/>					
<input type="button" value="Drive/Path :"/>					
<input type="button" value="Editor :"/>					
<input type="button" value="Logs:"/>					
<input type="button" value="Graphs:"/>					
<input type="button" value="Window Size/ Loc"/>					
<input type="button" value="Station Layout"/>					



fig. 4G

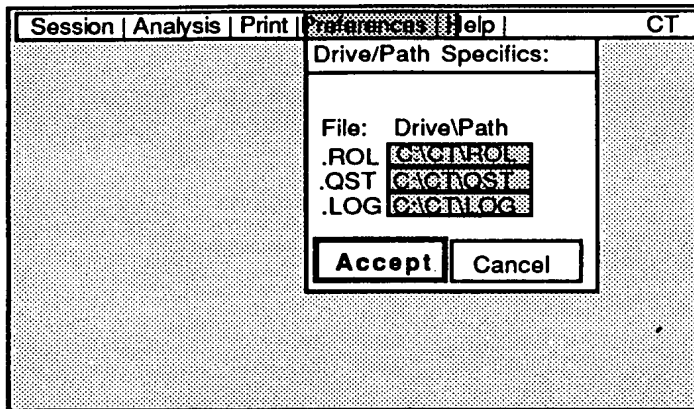


fig. 4H

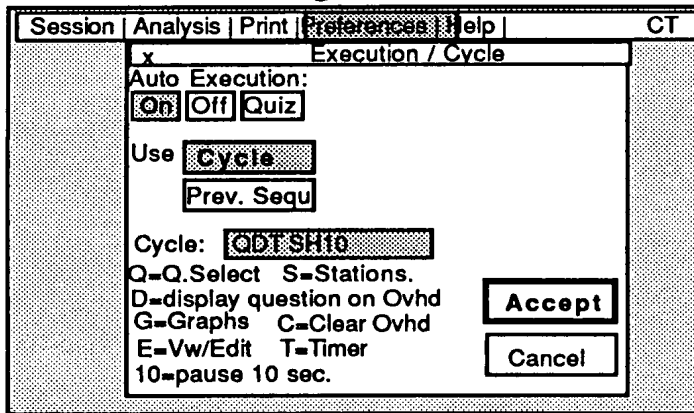


fig. 4I

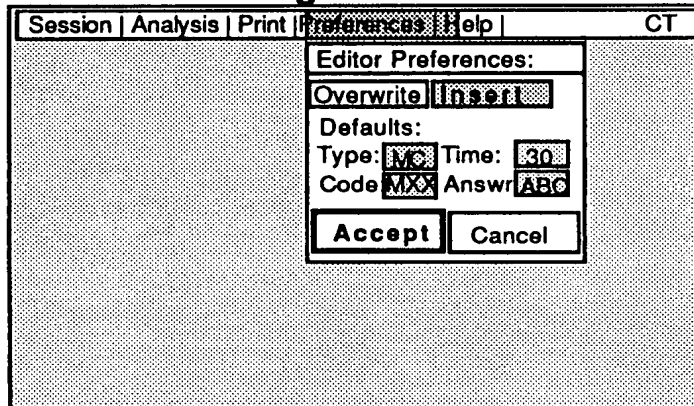


fig. 4J

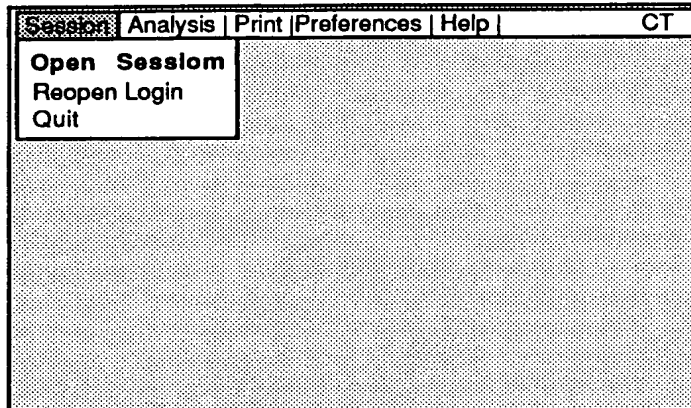


fig. 4K

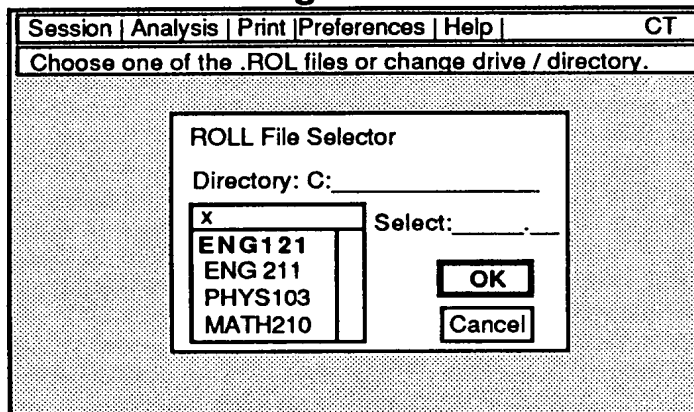


fig. 4L

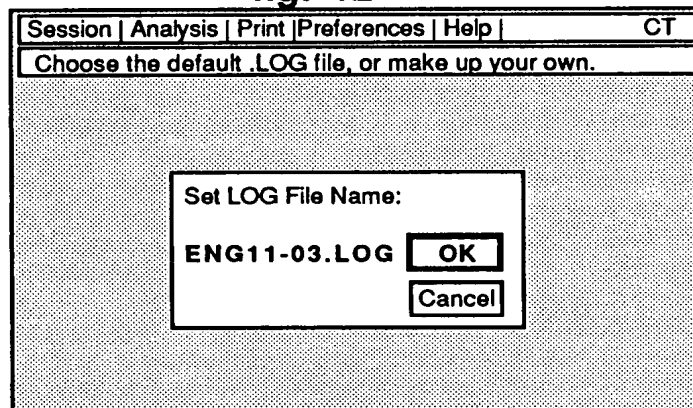


fig. 4M

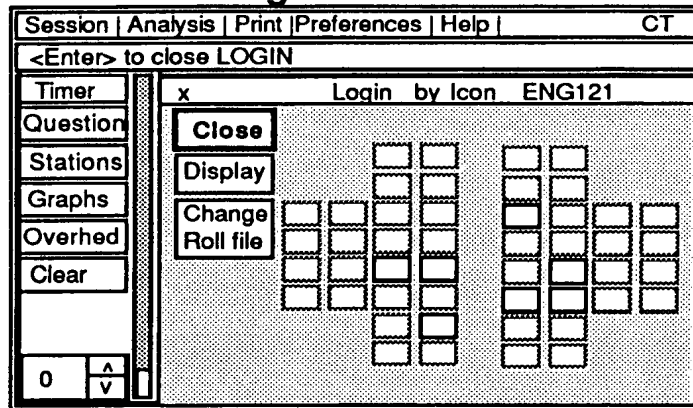


fig. 4N

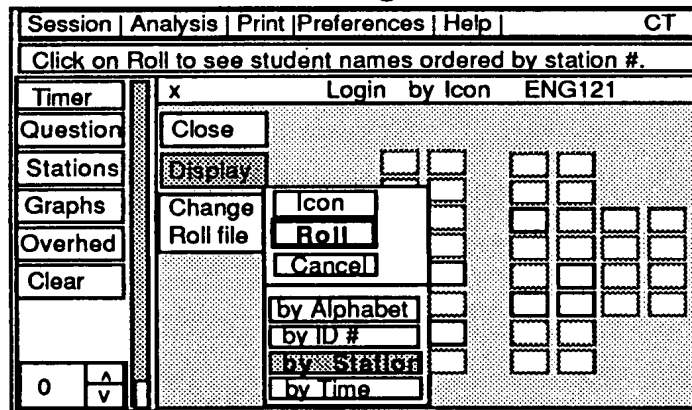


fig. 4O

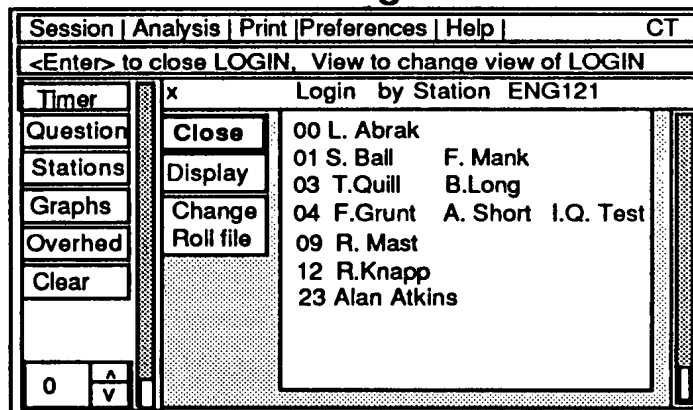


fig. 40'

Session   Analysis   Print   Preferences   Help		CT
<Enter> to close LOGIN. View to change view of LOGIN		
Timer	x	Login by Alphabt ENG121
Question	Close	00 L. Abrak 8236
Stations	Display	23 Alan Atkins 9345
Graphs	Change Roll file	01 S. Ball 7360
Overhed		F. Brinker 4581
Clear		04 F.Grunt 5216
		12 R.Knapp 2316
		Tom King 3862
		03 B.Long 5592
		01 F. Mank 4083
		09 R. Mast 8437
		03 T.Quill 3392
0	^ v	04 A. Short 6179

fig. 4P

Session   Analysis   Print   Preferences   Help		CT
Select question file, or change drive / directory.		
Timer		Question
Question		QUESTION File Selector
Stations		Directory: C: _____
Graphs		x _____ Select: _____
Overhed		REVW-9
Clear		MECH1-3
		MECH2-5
		QUIZ-9
0	^ v	OK Cancel

fig. 4Q

Session   Analysis   Print   Preferences   Help		CT
Select view -- order of questions in list..		
Timer	x	REVW-9 Question by Number
Question	Close	TP   Code   First Line / Title   An   Ti
Stations	Display	MC MC11 A lever arm 10 m AD 35
Graphs	Q. File	Nu MA21 Calculate the for 4.2 80
Overhed		MC GR09 A ball falling from B 20
Clear	Vw/Edit	
	New Q.	
0	^ v	Send

fig. 4R

Session   Analysis   Print   Preferences   Help		CT
Select view -- order of questions in list..		
Timer	x	REVW-9 Question by Number
Question	Close	Tp   Code   First Line / Title   An   Ti
Stations	Display	MC MC11 A lever arm 10 m AD 35
Graphs		Nu MA2 Calculate the for 4.2 80
Overhead	Q. File	Text
Clear	Vw/Edit	Cancel
0	Δ	by type
V		by Number
		by Code
	Send	by Answer

fig. 4S

Session   Analysis   Print   Preferences   Help		CT
<Enter> to start clock, or   to add or sub. time. 1:20		
Timer	x	REVW-9 Overhead Nu 4.2
Question		Time Left
Stations		01:20
Graphs		Zero
Overhead		force needed to hold a 1.65 kg
Clear	Start	stationary on a ramp inclined at an
0	Δ	degrees.
V		_____ Newtons
		01:20

fig. 4T

Session   Analysis   Print   Preferences   Help		CT
Press <Enter> to send this question to overhead. 1:13		
Timer	x	View / Edit
Question		Question # 8
Stations		Defaults:
Graphs		Type: MC Time: 30
Overhead		Code: MX Answer: ABC
Clear		Which of the following
q	Δ	is the closest to the
V		correct value for the
		acceleration of gravity
		A: 8.9 m/sec^2
		B: 980 ft/sec^2
		C: 9.8 m_
		Cancel Send

fig. 4U

Session   Analysis   Print   Preferences   Help		CT
<Enter> to start clock, or     to add or sub. time.		1:20
Timer	x REVW-9 Overhead	Nu 4.2
Question	Calculate the force needed to hold a 1.65 kg block of ice stationary on a ramp incline at an angle of 45 degrees.	
Stations		
Graphs		
Overhead		
Clear	_____ Newtons	
0	▲ ▼	01:20

fig. 4V

Session   Analysis   Print   Preferences   Help		CT
<Enter> to start clock, or     to add or sub. time.		1:20
Timer	x REVW-9 Overhead	Gr 3.2
Question	Specify the grid coordinates for the best location for house on the specified lot. H.V	
Stations		
Graphs		
Overhead		
Clear		
0	▲ ▼	00:20

fig. 4W

Session   Analysis   Print   Preferences   Help		CT
<Enter> to start clock, or     to add or sub. time.		1:20
Timer	x REVW-9 Overhead	Tx
Question	List several of the famous Greek thinkers linking each to his or her most important contribution to philosophy or science.	
Stations		
Graphs		
Overhead		
Clear	Maximum 20 words One sentence per Greek	
0	▲ ▼	05:00

fig. 4X

Session	Analysis	Print	Preferences	Help	CT
<Enter> to start clock, or   to add or sub. time.					1:20
Timer	x REVW-9 Overhead Se 3582761094				
Question	Put the names in chronological order:				
Stations	1: Cavendish	6: Newton			
Graphs	2: Kepler	7: Pascal			
Overhead	3: Aristotle	8: Copernicus			
Clear	4: Einstein	9: Faraday			
	5: Bacon	0: Gauss			
	Type the number of the oldest scientist first. Then the next oldest, etc				02:00
0	^	v			

fig. 4Y

Session	Analysis	Print	Preferences	Help	CT
Press <Enter> to view histogram of responses in.					1:13
Timer	x REVW-9 Stations by Icon Nu 4.2				
Question	Close				
Stations	Display				
Graphs	Cancel Q				
Overhead					
Clear					
1	^	v			

fig. 4Z

Session	Analysis	Print	Preferences	Help	CT
Click on Roll to see names ordered by station #.					00:57
Timer	x REVW-9 Response by Icon Nu 4.2				
Question	Close				
Stations	Display				
Graphs	Cncl Q				
Overhead					
Clear					
1	^	v			

fig. 4AA

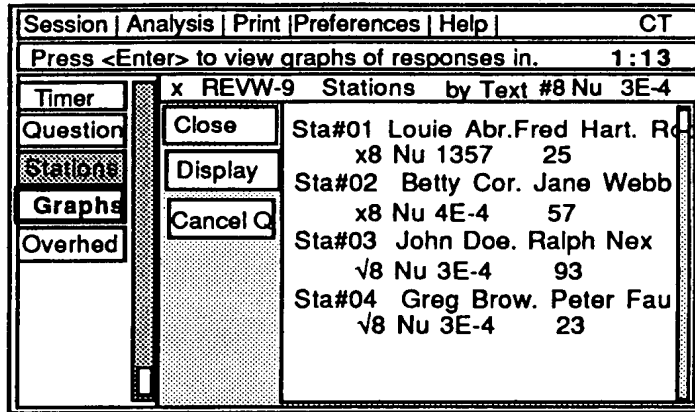


fig. 4BB

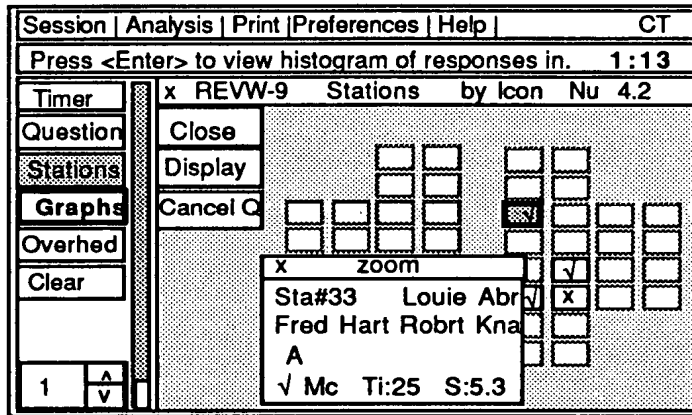


fig. 4CC

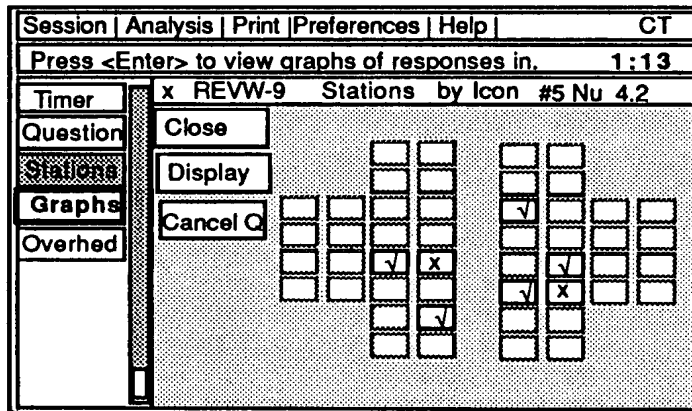




fig. 4DD

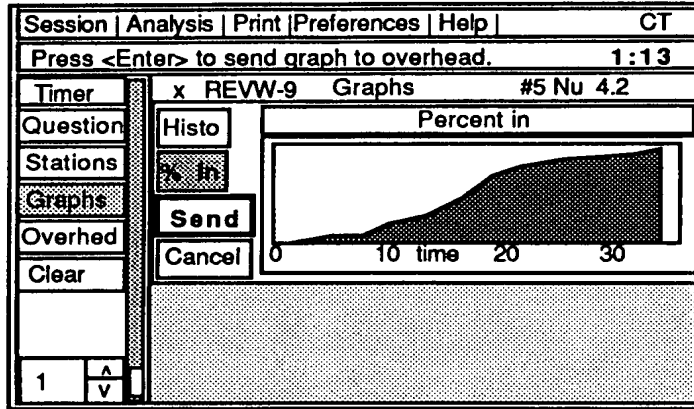
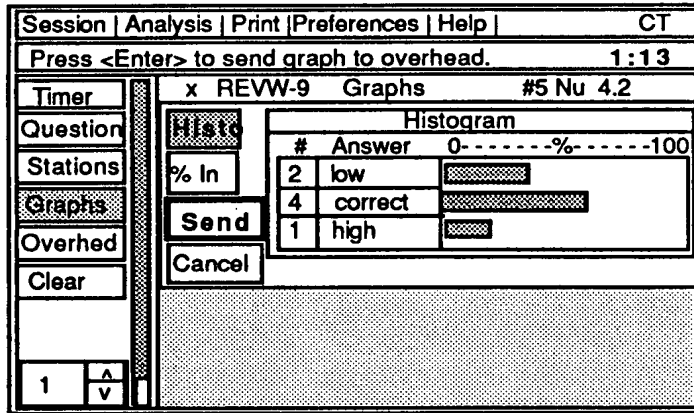
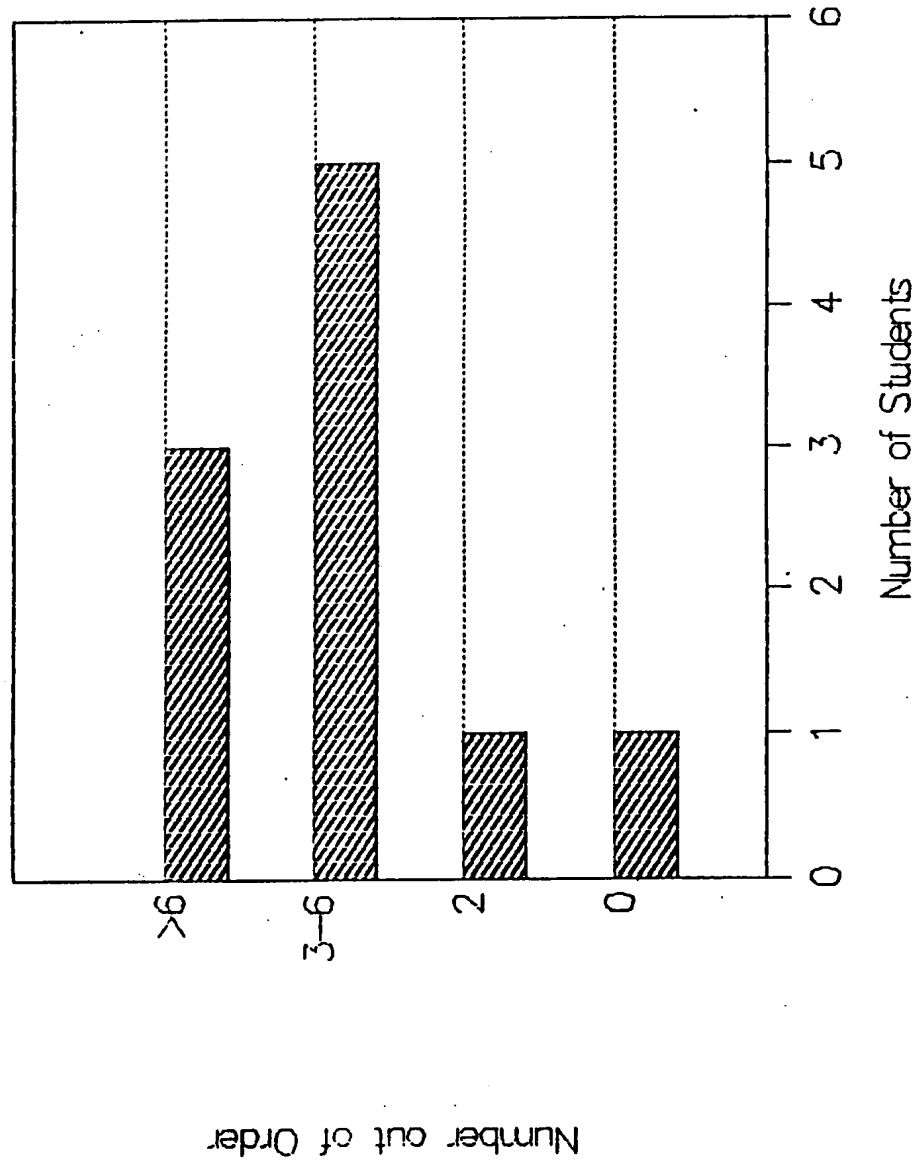


fig. 4EE

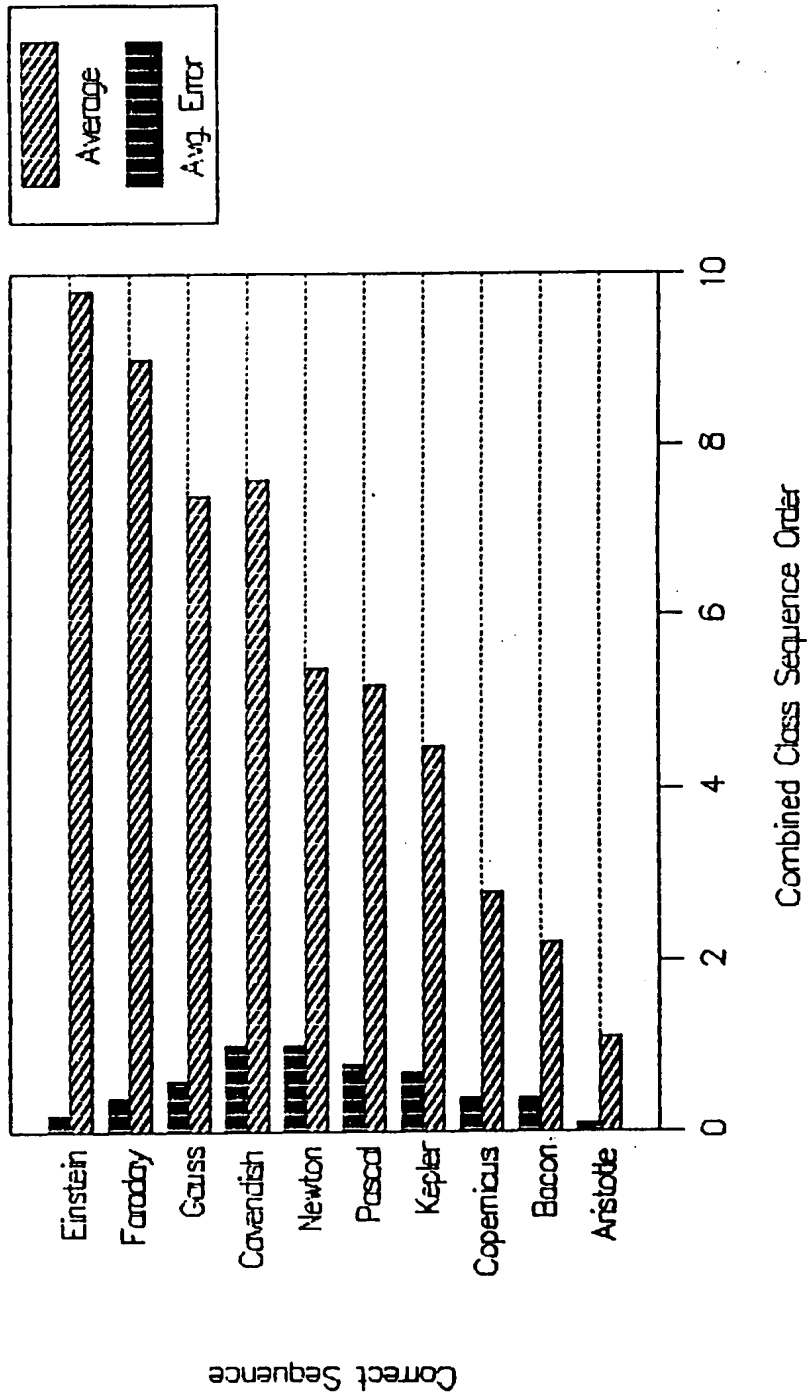


# Histogram of Class Response



**Figure 5A**

# Combined Class Response to Sequence Question



**Figure 5B**